

WHAT IS CLAIMED IS:

1. A collapsible handgrip for inflator, comprising:
an air cylinder having a shaft connected with a piston, in which a stud arranged
at one end of the shaft extends out of the cylinder; and
a handgrip which is a hollow tubular body having a bottom wall and an opening
at opposite ends, in which a tapped hole is formed in the bottom wall for
locking the stud and storing the cylinder in the handgrip, and the stud is also
meant to be locked to the tapped hole through the bottom wall of the
handgrip for extending the length of the shaft.
2. The collapsible handgrip according to Claim 1, wherein the shaft has a
non-circular cross section and a through hole shaped corresponding to the cross
section of the shaft is formed in a terminal wall of the cylinder to permit the shaft
to move axially only, not rotationally in the through hole, when the shaft extends
through the through hole.
3. The collapsible handgrip according to Claim 1, wherein a flange is formed on an
outer surface of the cylinder and a groove is formed in an inner wall of the
handgrip such that the flange is engageable the groove for fixing the cylinder in
the handgrip.